

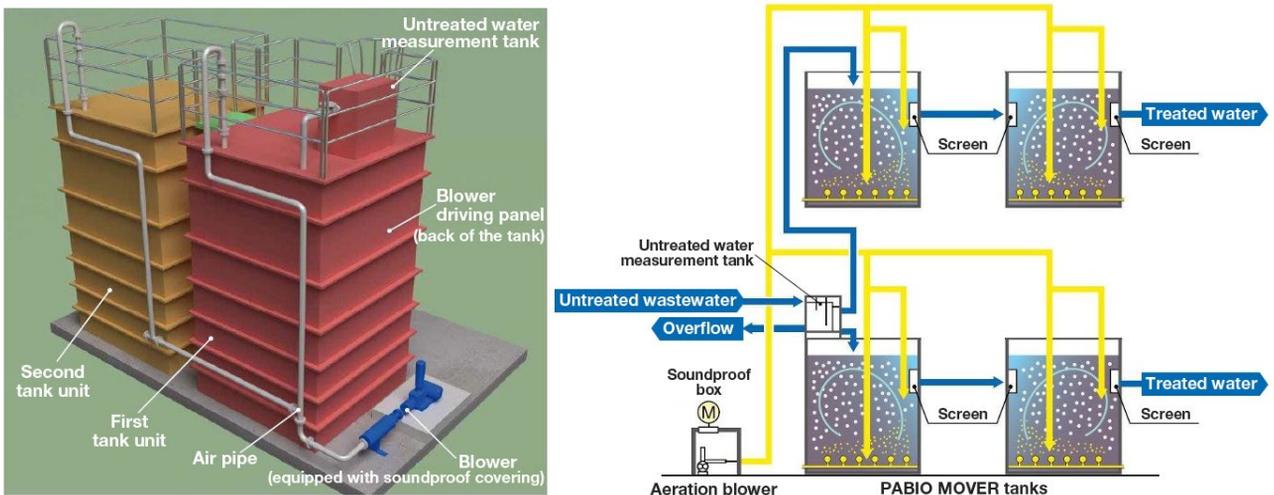
# Unit-Type Water Treatment Equipment

(PABIO MOVER-CM—KPM-type biological water treatment equipment)

## Compact biocarrier-based biological water treatment equipment consisting of steel plate tanks

The equipment consists of a simple set of components, including steel plate tanks, along with fluidized biocarriers that employ our unique technologies to perform high-intensity processing. Moreover, unlike conventional setups utilizing concrete tanks, PABIO MOVER-CM can easily be expanded to accommodate needs for greater treatment capacity via, for example, the additional installation of biological treatment tanks.

### Unit composition and treatment flow



## Features

### ● Space-saving design

Our unique fluidized biocarriers facilitate the minimization of aeration tank capacity. This, and their compact, rectangular configuration means that the installation space required is also minimized.

### ● Flexibility for expansion

Via the additional installation of tank units, the equipment can be flexibly expanded to accommodate future needs for greater treatment capacity in terms of both contamination levels and water volume.

### ● Superior capabilities supported by latest technologies

Unlike equipment employing the activated sludge method, PABIO MOVER-CM has no need to employ return sludge or to implement bulking countermeasures and is capable of accommodating various types of wastewater.

## Main Applications

- Treatment of wastewater from food processing, chemical manufacturing and pulp and paper production facilities
- Removal of nitrogen from various types of wastewater

**Related keywords: Aeration tanks, aerobic treatment, return sludge, COD removal, biocarrier method, bulking countermeasures, filamentous fungus countermeasures, poor sedimentation, facility miniaturization, sludge reduction, organic effluent, drainage capacity expansion, high-intensity processing**

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For inquiries about this equipment, please complete and send in an inquiry form.

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